Recommendations for Telecommunications Funding

By the Training Advisory Committee
May 3, 2001

Round 9 Telecommunications Trainng Proposals

Project/Applicant/Funding	Project Description
Medicine Valley Web-Based/ Multimedia Training Project Medicine Valley Public Schools Curtis, NE *(Jerrod Burke, Technology Coordinator)*	*This grant seeks to familiarize the Medicine Valley Public Schools' faculty and administration on how to effectively use the Internet and technology throughout their classrooms. Teachers and administrators will design web pages, train on using multimedia software, and practice integrating these new skills into their currently utilized curriculum. The goal is not to add to the curriculum, but to enhance it through telecommunications.*

TRAINING FUNDS	$ **10,000.00**
Inkind	3,395.00
Total	$ 13,395.00

Project/Applicant/Funding	Project Description
Learning Together for Our Future York Public Schools York, NE *(Bonnie Moses, York Public Schools)*	*The main goals for this grant are to expose teachers to the skills necessary for utilization of Internet in the classroom, to provide strategies for designing curriculum projects which use telecommunications, to equip teaches with the assessment and technology skills to design classroom projects, to provide on-going support to implement projects, to equip teachers with the technology competencies needed, and to provide an avenue for sharing this work with other teachers.*

TRAINING FUNDS	$ **9,985.00**
Inkind	6,484.75
Total	$ 16,469.75

Project/Applicant/Funding	Project Description
Rx: ProD Educational Service Unit #4 Nebraska City, NE *(Linda Engel, Coordinator of Instructional Technology))*	*ESU #4, in collaboration with Nebraska City Public Schools, is going to provide professional development that will enhance standards-based science education through the application of web-based presentations and training supported by collaborative use of distance learning and telecommunications. Training will include learning how to put PowerPoint presentations on the web, how to edit HTML and adding video clips and hyperlinks to PowerPoint, as well as training on science standards and improving science instruction.*

TRAINING FUNDS	$ **10,000.00**
Inkind	3,350.00
Total	$ 13,350.00

Just in Time Learning

Educational Service Unit #6
Milford, NE

(Sandy Blankenship, Professional Development Consultant)

TRAINING FUNDS $ **9,994.52**
Inkind   9,992.00
Total $ 19,986.52

Just in time learning is defined as learning where information and conceptual materials are accessed only when needed. The activities in the grant will teach how the Internet can be a learning tool for teachers and students, achieving curriculum objectives . It will enhance the use of technology resources including the distance learning classroom plus give the teachers the skills and support to establish a "just in time" environment in their classrooms. Participating teachers will at the same time see how their curriculum projects address the Nebraska standards.

Crossroads Distance Learning Education Consortium Project (2)

Educational Service Unit #7
Columbus, NE

(Phyllis Brunken, Media Director and Distance Learning Coordinator)

TRAINING FUNDS $ **10,000.00**
Inkind   18,066.80
Total $ 28,066.80

This proposal seeks to train teachers in the newly formed Crossroads Distance Learning Education Consortium (CDLEC). The goals are: to identify staff that will be candidates to teach over the distance learning system, to provide techniques of proper delivery of information, to develop curriculum planning and instruction, and to provide techniques of classroom management. This is a continuation of a grant from last year, with this year's grant seeking to provide training for intermediate and advanced teachers.

eTeacher: The Technology-Competent Standards-Based Educator

Educational Service Unit #10
Kearney, NE

(Gracia Gillming, ESU #10)

TRAINING FUNDS $ **9,225.00**
Inkind   3,100.00
Total $ 12,325.00

ESU #10 seeks to provide training, time, and assistance for twelve participating teachers as they align their curriculum with the Nebraska standards and integrate technology as a tool to accomplish this. There will be three teachers representing each of the four core areas of curriculum. A web site will be created that showcases the completed lesson plans. The twelve teachers will then take their new skills back to their schools to train colleagues.

Online Learning Opportunities Across Nebraska

Educational Service Unit #16
Ogallala, NE

(Melissa Engel, Telecomputing Coordinator)

TRAINING FUNDS $ **10,000.00**
Inkind   5,550.94
Total $ 15,550.94

This is a collaboration between five ESUs: ESU #18 in Lincoln, ESU #4 in Auburn, ESU #7 in Columbus, ESU #10 in Kearney, and ESU # 13 in Scottsbluff. These ESUs will create five online courses which will be offered to teachers statewide on a variety of technology staff development topics, including Information Literacy, Internet in the Classroom, WebQuests, Multimedia such as HyperStudio on the World Wide Web, Networking Fundamentals, and Transitioning to an Online Course.

Nebraska Summit on Distance Learning – Year 2

Central Community College
Grand Island, NE

(Dr. Sarah Cunningham, Instructional Technology and Advancement Director)

TRAINING FUNDS	$	**10,000.00**
Inkind		5,000.00
Total	$	15,000.00

This grant seeks to fund training activities in the field of distance learning by bringing together professionals in distance learning to share knowledge and expertise for the benefit of Nebraska's K-12 and post secondary education, health care, business and industry, military and government organizations. This conference will provide training opportunities in effective teaching, instructional design, student support issues, web based learning, and technical issues.

Re-Designing Your Course for the Internet

Central Community College
Grand Island, NE

(Dr. Sarah Cunningham, Instructional Technology and Advancement Director)

TRAINING FUNDS	$	**9,980.00**
Inkind		11,246.00
Total	$	21,226.00

Faculty from Central Community College and Wayne State College will be trained on how to redesign a lecture course to a web-based course. The project seeks to do this by increasing the knowledge base of faculty on the similarities and differences of teaching via the Internet and a live classroom, training the faculty how to redesign their courses, and providing on-going support to faculty design teams during the actual redesign phase. The teams will consist of faculty members and instructional design personnel.

A Model for Predicting the Successful Completion of an Online Course

Metropolitan Community College
Omaha, NE

(H. Lynn Bradman, Social Sciences faculty, John McAdam Dir. of Technology Enhanced Learning)

TRAINING FUNDS	$	**6,870.00**
Inkind		5,129.00
Total	$	11,999.00

This project will identify the variables which contribute to student success in an online course and make the information available to online faculty and course designers through an ancillary online course or series of web-based instructional resources. Faculty and course designers can then use this information to further develop and enhance existing course components, aid in the development and success of new courses, increase student retention, and enhance student satisfaction.

Development of Sample Online Course

Southeast Community College
Beatrice, NE

(Sue Fielder, Instructor, Engish)

TRAINING FUNDS	$	**9,992.00**
Inkind		4,275.00
Total	$	14,267.00

This project will develop and test an Interactive Tutorial and Sample Online Course for use by faculty interested in teaching online. The tutorial and course will replace the current Lotus Notes mini-course, which doesn't allow faculty the viewpoint of the student as students use web-browsers for their courses. The tutorial will be on a CD-ROM. The sample online course will require faculty to experience a course via the web, with the need to open attached files, view photos, open audio files, and complete forms.

Using Asynchronous Learning Networks

Chadron State College
Chadron, NE

*(Dr. George W. H. Smith, III, Instructional
Design Coordinator)*

TRAINING FUNDS	$	**6,680.00**
Inkind		11,700.00
Total	$	18,380.00

Chadron State will conduct a two-day workshop to teach faculty the skills to use technology to design and develop writing intensive courses through the use of Computer Mediated Communication in Asynchronous Learning Networks. The workshop will provide methodologies for designing and developing online assessment instruments that foster student critical and analytical thinking.

**Training Secondary Teachers in Online
Course Technology**

Peru State College
Peru, NE

(Andrew Elkins, Dean of Arts and Sciences)

TRAINING FUNDS	$	**9,987.50**
Inkind		3,200.00
Total	$	13,187.50

Peru State College seeks to train high school teachers to use Blackboard software. Peru will be using Blackboard software in it's Early Entry Internet program, in which high school students have the opportunity to earn college credit during their junior and senior years. A trainer provided by Peru State College will visit area schools during the summer to train secondary teachers in groups of five. The training will be a four-hour session. The trainer will then be available to answer questions via email. The project seeks to train 50 teachers.

**Teaching for Effective Learning in the
Distance Classroom**

University of Nebraska - Kearney
Kearney, NE

*(Dr. Barbara Audley, Dean of Continuing
Education)*

TRAINING FUNDS	$	**10,000.00**
Inkind		16,150.00
Total	$	26,150.00

This project intends to develop a cadre of leadership teachers in the Tri-Valley Distance Learning Consortium schools who will provide on-site mentoring to their colleagues in an expanded array of presentation skills for effective use of the distance learning technology available in their schools. Teachers participating in the project will learn about instructional delivery by multiple methods, such as panel discussions, targeted viewing, games, role playing, demonstrations, and peer teaching.

**How are Nebraska Institutions of Higher
Education Responding to Student Needs:
Telecommunications and Technology as
Vehicles for Distance and/or Extended Ed.**

University of Nebraska - Lincoln
Lincoln, NE

(Dr. Sheldon Stick, Dr. Donald Uerling)

TRAINING FUNDS	$	**5,000.00**
Inkind		15,300.00
Total	$	20,300.00

This proposal focuses on the availability of education to students and potential students. It seeks to learn the extent Nebraska higher education employs telecommunications and other forms of technology as an adjunct to conventional (on campus) courses. Each of the 35 higher education institutions will be contacted to learn how they are using telecommunications and technology to enable students to further their educational development.

Building Distance Learning Awareness and Efficacy Among Nebraska Pre-Service Students

University of Nebraska – Lincoln, Teachers College
Lincoln, NE

(Matt Kutscher, Instructional Tech. Specialist
Dan Schmit, Instructional Tech. Specialist
Lori Meyers, Instructional Tech. Assistant)

TRAINING FUNDS	$	**8,613.24**
Inkind		2,570.00
Total	$	11,183.24

This project targets pre-service methods students in subject areas identified in an NDE survey as the most frequently delivered distance learning K-12 subject areas and will include participants from UNL, Nebraska Wesleyan, and Union College. The identified subject areas include foreign language, mathematics, language arts, and business. Students will be trained on current usage and best practice, managing distance learning technology, and the development of instructional activities. The project activities are designed to promote awareness, experiences, and efficacy for teaching in the distance learning environment.

Technology Training for the Norfolk Public Schools: A Collaborative Project of the Lifelong Learning Center Partners

University of Nebraska Northeast Research and Extension Center
Norfolk, NE

(Vicky Jones, NU Extended Education Coordinator)

TRAINING FUNDS	$	**10,000.00**
Inkind		32,730.00
Total	$	42,730.00

The educational partners of the Lifelong Learning Center in Norfolk – University of Nebraska, Northeast Community College, and Wayne State College – will collaboratively assist the Norfolk Public School system in upgrading the technological skills of its teachers. The project plans to train 110 teachers on introductory technology training from UN Cooperative Extension and 32 teachers in a software package applicable to their classroom needs from Wayne State College and/or Northeast Community College. In addition, 15 teachers will enroll in a graduate level course on integrating technology into their classroom from either Wayne State College or UNL.

An Online WebShop to Support the Integration of Space Activities

University of Nebraska - Omaha
Omaha, NE

(Neal Grandgenett, Professor
Neal Topp, Associate Professor)

TRAINING FUNDS	$	**9,640.00**
Inkind		4,820.00
Total	$	14,460.00

A growing interest in the UNO Space Shuttle Simulation Laboratory has created a need to train teachers to use the blend of NASA and Nebraska activities. This project will develop an online teacher training webshop to supplement the current in-person training sessions which are now inadequate to meet the number of teachers wishing to be trained.

Additional Initiatives Approved

NEB*SAT Technical Training Workshop
        $3,000

This workshop will cover issues relevant to technicians in both K-12 and Higher Education settings and provide an opportunity for institutions new to distance learning to interact with those who can serve as mentors.

Funding Totals

Round 9 Totals

	K-12	ESU	Community Coll.	State College	University	Additional	Total
Training Funds	$19,985.00	$49,219.52	$36,842.00	$16,667.50	$43,253.24	$3,000.00	**$168,967.26**
In Kind/Match	$19,879.75	$40,059.74	$25,650.00	$14,900.00	$71,570.00	$0.00	$172,059.49
Total	**$39,864.75**	**$89,279.26**	**$62,492.00**	**$31,567.50**	**$114,823.24**	**$3,000.00**	**$341,026.75**